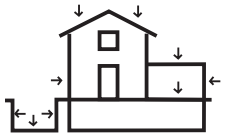
Date of revision: June 26 2026
Revision number: 003

POLYWAP İZ K 6000 TECHNICAL SPECIFICATIONS

POLYMER AND SILICONE-BASED, UV-RESISTANT, SINGLE-COMPONENT, WATER-BASED LIQUID WATERPROOF IMPREGNATION

DESCRIPTION FOR IT
A single component, water based, polymer and silicone based, plastomeric structure, high uv resistant, repair and insulation impregnation.

AREAS OF USE
It is used as an adhesion enhancer on porous and absorbent surfaces such as concrete, lime plaster, lime fiber boards, cement based boards, and gypsum boards, especially in interior and exterior spaces of buildings where waterproofing or paint application is planned; and as a repairing and waterproofing primer on old concrete and dusty surfaces.



APPLICATION SURFACES
Suitable for application on old, dusty concrete and all absorbent surfaces in both indoor and outdoor environments.

ADVANTAGES
Ready to use. High uv resistance. Thanks to its plastomeric structure, it has high resistance to temperature differences, light pedestrian traffic, and water pooling. It can be applied to all mineral surfaces and has very high adhesion and impregnation strength. Forms a seamless insulation layer. It can be applied very easily and quickly with an insulation pump.

APPLICATION CONDITIONS
Application should not be done in very hot or very humid weather. The ambient temperature for application should be between +5°C and +30°C. It should not be applied to melting, frozen surfaces or surfaces where there is a risk of freezing within 24 hours. Dusty old mineral surfaces should be repaired before application.

TOOLS USED
Insulation pump, brush, roller, trowel, spatula.

SURFACE PREPARATION
If the surface to be applied is new, it must be free from residues such as cement residue and loose particles, and from oil, dirt, rust, moss and dust that prevent adhesion; it must be clean, smooth, sound and not exposed to frost. Inner corners should be beveled with WAP TH – 602 repair mortar, and outer corners should be rounded by mechanical means. The surfaces to be applied should be primed with POLYWAP İZ K 6000 diluted at a ratio of 1/3 (polywap İZ K 6000 liquid/water). For perforated, damaged or porous surfaces, a scraping coat should be applied with POLYWAP İZ 2K 4002 PLUS using a spatula or trowel to level the surface and prevent air bubble formation. On old or dusty surfaces, our POLYWAP İZK 6000 repair and impregnation product prevents surface dusting and strengthens the concrete.

APPLICATION
Polywap iz k 6000 should be opened from the packaging and mixed with a low-speed mixer for at least 1-2 minutes until a homogeneous consistency is achieved. It should be applied to the entire surface in 2 coats using a brush or insulation pump. The total application thickness should be determined according to the consumption table ratios based on the water pressure it will be exposed to. The second coat should be applied after the first coat has completely dried.

CONSUMPTION TABLE

Area of application	Minimum consumption
Non-water-accumulating floor insulation	0,3 – 0.4 kg/m²
Temporary water-resistant insulation.	0,6 – 0.8 kg/m²

TOOL CLEANING

All tools should be washed with water immediately after use, before they dry.

PACKAGING

15 kg. Plastic bucket

STORAGE AND SHELF LIFE

In dry, moisture free environments away from sunlight, provided the packaging is undamaged and unopened, the product has a shelf life of 12 months from the production date. Packaging must be protected from frost and heat. Two pallets should not be stacked on top of each other during transport and storage.

STANDARD

TS EN 1504-2

TECHNICAL TABLE

İZ K 6000	TECHNICAL INFORMATION
THE ESSENCE	Plastomeric polymer-silicone
COLOUR	Colorless
FORM	Thin liquid
INTENSITY	Average 0.98 kg/lt.
WAITING TIME BETWEEN FLOORS	Minimum 4 hours
TERM OF INSTITUTION	Minimum 24 hours
TIME TO BECOME WATERPROOF	3 days
TIME TO GAIN MECHANİCAL STRENGTH	7 days

WARNINGS AND RECOMMENDATIONS

Absolutely no water should be added to the mixture. In applications using an insulation pump, the machine system must be cleaned immediately after the application is complete. Surfaces treated with Polywap İZ K 6000 must be covered and protected from external conditions within a maximum of 3 days. After the drying time, it should be covered with a suitable material. For applications on terraces, a thermal insulation layer should be applied over the waterproofing layer.

SAFETY WARNINGS

Always use appropriate safety equipment such as masks, gloves, and goggles. Protect your eyes and face. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and consult a specialist. For detailed safety information, read the Material Safety Data Sheet.

LEGAL DISCLAIMER

İZOFALT Insulation Construction Textile Ind. And Trade Ltd. Co. İs not responsible for application errors that may occur if the product is used for purposes other than intended or if the above conditions are not complied with.